

First Floor						21.92	291.60	6391.87
Ward 7 Hospital								
First Floor								
Chajjas								
W	Sqm	8	1.80	0.60		8.64		
Front	Sqm	8	1.80		0.10	1.44		
Sides	Sqm	16	0.60		0.10	0.96		
Ward 8 Hospital								
Chajjas								
W1	Sqm	8	1.80	0.60		8.64		
Front	Sqm	8	1.80		0.10	1.44		
Sides	Sqm	16	0.60		0.10	0.96		
W2	Sqm	1	1.80	0.60		1.08		
Front	Sqm	1	1.80		0.10	0.18		
Sides	Sqm	2	0.60		0.10	0.12		
Basic rate							270.00	
Add lift charges for First Floor							5.00	
sub total							275.00	
Area weightage 8%							22.00	
Total						23.46	297.00	6967.62
Second Floor								
Ward 7 Hospital								
Chajjas								
D1	Sqm	2	1.20	0.60		1.44		
Front	Sqm	2	1.20		0.10	0.24		
Sides	Sqm	4	0.60		0.10	0.24		
W	Sqm	2	1.80	0.60		2.16		
Front	Sqm	2	1.80		0.10	0.36		
Sides	Sqm	4	0.60		0.10	0.24		
Basic rate							270.00	
Add lift charges for Second Floor							10.00	
sub total							280.00	
Area weightage 8%							22.40	
Total						4.68	302.40	1415.23

23 KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplasticiser @3lts conforming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.KBS 4.1, 4.6, Pg No 13, Item no.4.10

Ward 11 Hospital								
RETAINING WALL								
Footing								
	Cum	1	26.83	3.00	0.35	28.17		
	Cum	1	44.21	3.00	0.35	46.42		
	Cum	1	19.82	3.00	0.35	20.81		
	Cum	1	44.76	3.00	0.35	47.00		
Wall								
	Cum	1	26.83	0.30	3.65	29.38		
	Cum	1	44.21	0.30	3.65	48.41		
	Cum	1	19.82	0.30	3.65	21.70		
	Cum	1	44.76	0.30	3.65	49.01		
Ward 7 Hospital								
Footing								
CF1	Cum	1	3.00	0.70	0.40	0.84		
CF2	Cum	5	3.00	1.00	0.40	6.00		
CF3	Cum	1	4.40	0.90	0.40	1.58		
CF4	Cum	1	1.60	1.60	0.40	1.02		
Column Upto FFL								
C1	Cum	19	0.20	0.45	0.85	1.45		
Plinth beam								
PB1	Cum	1	8.58	0.20	0.30	0.51		
PB2	Cum	1	4.45	0.20	0.30	0.27		
	Cum	2	4.83	0.20	0.30	0.58		
	Cum	1	0.80	0.20	0.30	0.05		
	Cum	1	4.50	0.20	0.30	0.27		
	Cum	2	5.40	0.20	0.30	0.65		
PB3	Cum	1	2.80	0.20	0.20	0.11		
	Cum	6	1.20	0.20	0.20	0.29		

D2	Cum	8	1.05	0.1	0.20	0.17		
Deductions								
Column								
C1	Cum	6	0.20	0.60	0.30	-0.22		
C2	Cum	1	0.20	0.60	0.30	-0.04		
C3	Cum	4	0.20	0.45	0.30	-0.11		
	Cum	1	0.20	0.20	0.30	-0.01		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
C4	Cum	2	0.20	0.60	0.30	-0.07		
Staircase								
Waist slab	Cum	1	6.37	1.20	0.15	1.15		
	Cum	1	2.45	1.20	0.15	0.44		
Rise and threads	Cum	19	1.20		0.02	0.51		
			triangular area $0.5 \times 0.3 \times 0.15 = 0.022$					
For sump								
Bottom slab	Cum	1	2.36	2.36	0.15	0.84		
Sump walls	Cum	2	2.36	0.15	1.8	1.27		
	Cum	2	2.06	0.15	1.8	1.11		
Cover slab	Cum	1	2.36	2.36	0.15	0.84		
Basic rate							6367.00	
Area weightage 8%							509.36	
Total						27.68	6876.36	190321.69
First Floor								
Ward 7 Hospital								
Columns upto beam bottom								
C1	Cum	3	0.20	0.45	2.85	0.77		
	Cum	1	0.20	0.45	3.00	0.27		
C1	Cum	15	0.20	0.45	2.40	3.24		
Lintels								
Through Lintel	Cum	3	15.17	0.23	0.23	2.41		
	Cum	1	14.27	0.23	0.23	0.75		
	Cum	2	13.58	0.23	0.23	1.44		
Cut lintel								
D1	Cum	2	1.20	0.10	0.20	0.05		
D2	Cum	13	1.05	0.10	0.20	0.27		
Staircase								
Waist slab	Cum	1	6.51	1.20	0.16	1.25		
	Cum	1	2.60	1.20	0.16	0.50		
Rise and threads	Cum	19	1.20		0.023	0.51		

			triangular area $0.5 \times 0.3 \times 0.15 = 0.022$					
Ward 8 Hospital								
Columns upto beam bottom								
C1	Cum	6	0.20	0.60	2.85	2.05		
C2	Cum	1	0.20	0.60	2.85	0.34		
C3	Cum	7	0.20	0.45	2.85	1.80		
C3'	Cum	1	0.20	0.45	2.85	0.26		
C4	Cum	2	0.20	0.60	2.85	0.68		
Lintels								
Through	Cum	2	10.00	0.2	0.30	1.20		
	Cum	2	14.95	0.2	0.30	1.79		
Cut lintel								
D1	Cum	11	1.20	0.1	0.20	0.26		
D2	Cum	6	1.05	0.1	0.20	0.13		
Deductions								
Column								
C1	Cum	6	0.20	0.60	0.30	-0.22		
C2	Cum	1	0.20	0.60	0.30	-0.04		
C3	Cum	4	0.20	0.45	0.30	-0.11		
	Cum	1	0.20	0.20	0.30	-0.01		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
C4	Cum	2	0.20	0.60	0.30	-0.07		
Staircase								
Waist slab	Cum	1	6.37	1.20	0.15	1.15		
	Cum	1	2.45	1.20	0.15	0.44		
Rise and threads	Cum	19	1.20		0.02	0.51		
			triangular area $0.5 \times 0.3 \times 0.15 = 0.022$					
Basic rate							6367.00	
Add lift charges for First Floor							50.00	
sub total							6417.00	
Area weightage 8%							513.36	
Total						21.59	6930.36	149626.47
Second Floor								
Ward 7 Hospital								
Columns upto beam bottom								
C1	Cum	4	0.20	0.45	2.55	0.92		
Lintels								

Cut lintel								
D1	Cum	1	1.20	0.23	0.20	0.06		
	Cum	1	1.20	0.20	0.20	0.05		
D2	Cum	1	1.05	0.10	0.20	0.02		
W	Cum	2	2.10	0.23	0.20	0.19		
V	Cum	1	1.05	0.23	0.20	0.05		
Ward 8 Hospital								
Headroom								
Columns upto beam bottom								
C3	Cum	7	0.20	0.45	2.85	1.80		
C3'	Cum	1	0.20	0.45	2.85	0.26		
Lintels								
Cut lintel								
D1	Cum	2	1.20	0.10	0.20	0.05		
Deductions								
Column								
C3	Cum	7	0.20	0.45	0.30	-0.19		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
Basic rate							6367.00	
Add lift charges for First Floor							100.00	
sub total							6467.00	
Area weightage 8%							517.36	
Total						3.18	6984.36	22210.26

- 25 Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams, staircase, and roof with M-25. Pg No.18 Item No.4.49.2

Ground Floor								
Ward 7 Hospital								
Beams								
B1	Cum	1	12.15	0.20	0.45	1.09		
B2	Cum	1	7.55	0.20	0.45	0.68		
SB	Cum	1	1.70	0.20	0.30	0.1		
RB	Cum	1	2.70	0.20	0.15	0.08		
Roof								
	Cum	1	6.64	0.90	0.15	0.9		
	Cum	1	12.15	2.40	0.15	4.37		
	Cum	1	7.10	1.40	0.15	1.49		

	Cum	1	2.64	0.30	0.15	0.12		
Watchman shed	Cum	1	3.40	3.40	0.15	1.73		
First Floor								
Beams								
B1	Cum	1	12.15	0.20	0.45	1.09		
B2	Cum	1	7.55	0.20	0.45	0.68		
B3	Cum	1	5.60	0.20	0.60	0.67		
	Cum	2	19.10	0.20	0.45	3.44		
SB	Cum	1	1.70	0.20	0.30	0.1		
Roof								
	Cum	1	9.98	15.63	0.15	23.4		
	Cum	1	3.60	14.73	0.15	7.95		
Above Ramp	Cum	1	16.00	3.00	0.15	7.2		
Balcony	Cum	1	6.64	0.90	0.15	0.9		
	Cum	1	12.15	2.40	0.15	4.37		
	Cum	1	7.10	1.40	0.15	1.49		
	Cum	1	2.64	0.30	0.15	0.12		
Second Floor								
Beams								
B3	Cum	2	5.80	0.20	0.30	0.7		
Roof								
Nurse Room	Sqm	1	4.18	6.00	0.15	3.76		
Headroom	Sqm	1	2.64	5.80	0.15	2.29		
Ward 8 Hospital								
Ground Floor								
Roof Beams								
B1	Cum	1	10.00	0.2	0.30	0.60		
B2	Cum	3	10.00	0.3	0.50	4.50		
B3	Cum	1	4.62	0.2	0.30	0.28		
B4	Cum	1	2.45	0.2	0.30	0.15		
	Cum	1	2.58	0.2	0.30	0.15		
	Cum	1	3.20	0.2	0.30	0.19		
B5	Cum	2	2.10	0.2	0.30	0.25		
	Cum	1	3.20	0.2	0.30	0.19		
B6	Cum	1	7.20	0.2	0.30	0.43		
B7	Cum	1	12.45	0.2	0.30	0.75		
	Cum	1	12.20	0.2	0.30	0.73		
SB	Cum	1	2.45	0.2	0.3	0.15		
Deductions								

C1	Cum	6	0.20	0.60	0.40	-0.29		
C2	Cum	1	0.20	0.60	0.30	-0.04		
C3	Cum	7	0.20	0.45	0.30	-0.19		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
C4	Cum	2	0.20	0.60	0.30	-0.07		
Roof								
	Cum	1	14.95	10.40	0.15	23.32		
Deductions for staircase	Cum	1	2.65	4.42	0.15	-1.76		
Deduction for Lift	Cum	1	3.00	2.30	0.15	-1.04		
First Floor								
Roof Beams								
B1	Cum	1	10.00	0.20	0.30	0.60		
B2	Cum	3	10.00	0.30	0.50	4.50		
B3	Cum	1	4.62	0.20	0.30	0.28		
B4	Cum	1	2.45	0.20	0.30	0.15		
	Cum	1	2.58	0.20	0.30	0.15		
	Cum	1	3.20	0.20	0.30	0.19		
B5	Cum	2	2.10	0.20	0.30	0.25		
	Cum	1	3.20	0.20	0.30	0.19		
B6	Cum	1	7.20	0.20	0.30	0.43		
B7	Cum	1	12.45	0.20	0.30	0.75		
	Cum	1	12.20	0.20	0.30	0.73		
SB	Cum	1	2.45	0.2	0.3	0.15		
Deductions								
C1	Cum	6	0.20	0.60	0.40	-0.29		
C2	Cum	1	0.20	0.60	0.30	-0.04		
C3	Cum	7	0.20	0.45	0.30	-0.19		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
C4	Cum	2	0.20	0.60	0.30	-0.07		
Roof								
	Cum	1	14.95	10.40	0.15	23.32		
Deductions for staircase	Cum	1	2.65	4.42	0.15	-1.76		
Deduction for Lift	Cum	1	3.00	2.30	0.15	-1.04		
Headroom								
Roof Beams								
B3	Cum	1	4.62	0.20	0.30	0.28		
B4	Cum	1	3.20	0.20	0.30	0.19		
B5	Cum	1	3.20	0.20	0.30	0.19		
B6	Cum	1	4.62	0.20	0.30	0.28		
Deductions								

C3	Cum	7	0.20	0.45	0.30	-0.19		
C3'	Cum	1	0.20	0.45	0.30	-0.03		
Roof								
Staircase	Cum	1	4.62	2.85	0.15	1.98		
lift	Cum	1	3.20	2.50	0.15	1.20		
Basic rate							6065.00	
Area weightage 8%							485.20	
Total						129.16	6550.20	846023.83

- 26 KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @ 0.391cum, with superplasticiser @0.225lbs, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.14 Item no.4.20

Ward 7 Hospital								
Chejja								
Ground Floor								
Watchman shed								
Through	Sqm	2	3.40	0.60		4.08		
W	Sqm	2	3.00	0.60		3.60		
Ward 8 Hospital								
Chejja								
Ground floor								
D	Sqm	1	2.40	0.60		1.44		
W1	Sqm	5	1.80	0.60		5.40		
W2	Sqm	1	1.80	0.60		1.08		
W3	Sqm	3	1.20	0.60		2.16		
Basic rate							514.00	
Area weightage 8%							41.12	
Total						17.76	555.12	9858.93
Ward 7 Hospital								
Chejja								
First Floor								
W	Sqm	8	1.80	0.60		8.64		
Ward 8 Hospital								
First Floor								
W1	Sqm	8	1.80	0.60		8.64		
W2	Sqm	1	1.80	0.60		1.08		

Basic rate							514.00	
Add lift charges for First Floor							5.00	
sub total							519.00	
Area weightage 8%							41.52	
Total						18.36	560.52	10291.15
Ward 7 Hospital								
Chejja								
Second Floor								
D1	Sqm	2	1.2	0.60		1.44		
W	Sqm	2	1.80	0.60		2.16		
Basic rate							514.00	
Add lift charges for Second Floor							10.00	
sub total							524.00	
Area weightage 8%							41.92	
Total						3.60	565.92	2037.31

- 27 KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.
Specification No. KBS 4.6.3 Pg No.17 Item No.4.46.2

Ward 11 Hospital								
RETAINING WALL								
Footing	Cum	Concrete Quantity				290.89		
	kg	Steel assumed 125 Kg/Cum of Concrete				36361.2		
						36.36		
Ward 7 Hospital								
Footing	Cum	Concrete Quantity				9.44		
	kg	Steel assumed 125 Kg/Cum of Concrete				1180.00		
	tonne					1.18		
Columns	Cum	Concrete Quantity				6.13		
	kg	Steel assumed 125 Kg/Cum of Concrete				766.25		
	tonne					0.77		
Plinth beam	Cum	Concrete Quantity				3.10		
	kg	Steel assumed 125 Kg/Cum of Concrete				387.50		
	tonne					0.39		
Staircase	Cum	Concrete Quantity				8.35		
	kg	Steel assumed 125 Kg/Cum of Concrete				1043.75		

	tonne					1.04		
Lintel	Cum	Concrete Quantity				0.51		
	kg	Steel assumed 125 Kg/Cum of Concrete				63.75		
	tonne					0.06		
Beam	Cum	Concrete Quantity				1.95		
	kg	Steel assumed 125 Kg/Cum of Concrete				243.75		
	tonne					0.24		
Roof Slab	Cum	Concrete Quantity				8.61		
	kg	Steel assumed 125 Kg/Cum of Concrete				1076.25		
	tonne					1.08		
Chajja	Cum	Concrete Quantity				0.77		
	kg	Steel assumed 125 Kg/Cum of Concrete				96.00		
	tonne					0.10		
Ward 8 Hospital								
Ground Floor								
Footing	Cum	Concrete Quantity				34.35		
	kg	Steel assumed 125 Kg/Cum of Concrete				4293.75		
	tonne					4.29		
Colomn	Cum	Concrete Quantity				6.30		
	kg	Steel assumed 125 Kg/Cum of Concrete				787.50		
	tonne					0.79		
Plinth beam	Cum	Concrete Quantity				2.59		
	kg	Steel assumed 125 Kg/Cum of Concrete				323.75		
	tonne					0.32		
Staircase	Cum	Concrete Quantity				2.10		
	kg	Steel assumed 125 Kg/Cum of Concrete				262.50		
	tonne					0.26		
Lintel	Cum	Concrete Quantity				3.33		
	kg	Steel assumed 125 Kg/Cum of Concrete				416.25		
	tonne					0.42		
Beam	Cum	Concrete Quantity				8.37		
	kg	Steel assumed 125 Kg/Cum of Concrete				1046.25		
	tonne					1.05		
Roof Slab	Cum	Concrete Quantity				20.52		